

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Antonio A. Garcia, Mark A. Hayes, Rohit Rosario, John Devens Gust, Manuel Marquez, Zhibing Hu, and Tong Cai

Application No./Patent No. 10/587,229 Filed/Issue Date: October 31, 2007

Entitled: PHOTORESPONSIVE HYDROGELS

ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, a university  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership,  
 university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being submitted for recordation pursuant to 37 CFR 3.11.  
 [NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Mark B. Wilson, Reg. No. 37,259  
 Printed or Typed Name

Attorney  
 Title

September 30, 2008

Date

(512) 474-5201  
 Telephone Number

AZTE:025US  
 File Code

PATENT  
FILE NO. AZTE:025US

A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY (the "Assignee"), having a place of business at 1475 North Scottsdale Road, SkySong - Suite 200, Scottsdale, AZ 85257-9908, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/587,229, which has been filed on October 31, 2007 and is entitled "PHOTORESPONSIVE HYDROGELS," which is a national phase application under 35 U.S.C. § 371 of International Application No. PCT/US2005/002317, filed January 24, 2005, which claims benefit U.S. Provisional Patent Application Serial Number 60/538,687, filed January 23, 2004, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:   
Name: Antonio A. GARCIA

Date: 8/4/08

STATE OF Arizona  
COUNTY OF Mesa

BEFORE ME, the undersigned authority, on this 4 day of August, 2008 personally appeared Antonio A. GARCIA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]



Kristin A. Bleichrodt  
Notary or Consular Officer  
Kristin A. Bleichrodt

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Rohit ROSARIO

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Rohit ROSARIO, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: John Devens GUST, Jr.

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared John Devens GUST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Mark A. HAYES

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Mark A. HAYES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Manuel MARQUEZ

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Manuel MARQUEZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Zhibing HU

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Zhibing HU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Tong CAI

*STATE OF* \_\_\_\_\_  
*COUNTY OF* \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Tong CAI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701

PATENT  
FILE NO. AZTE:025US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY (the "Assignee"), having a place of business at 1475 North Scottsdale Road, SkySong - Suite 200, Scottsdale, AZ 85257-9908, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/587,229, which has been filed on October 31, 2007 and is entitled "PHOTORESPONSIVE HYDROGELS," which is a national phase application under 35 U.S.C. § 371 or International Application No. PCT/US2005/002317, filed January 24, 2005, which claims benefit U.S. Provisional Patent Application Serial Number 60/538,687, filed January 23, 2004, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Antonio A. GARCIA

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Antonio A. GARCIA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

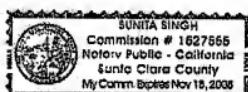
[SEAL] Notary or Consular Officer

Signature: Rohit Rosario Date: 08 AUG 2008  
Name: Rohit ROSARIO

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA

BEFORE ME, the undersigned authority, on this 08 day of August, 2008 personally appeared Rohit ROSARIO, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]



Notary or Consular Officer

State of California, County of Santa Clara  
On 08/08/08 before me, Sunita Singh, Notary  
Notary Public, personally appeared Rohit F. Rosario,  
who produced to me on the basis of satisfactory evidence to be the person  
whose name is subscribed to the within instrument and acknowledged  
to me that he/she executed the same in the place where he/she was specifically asked,  
and that by his/her own signature(s) on the instrument he/she intended to identify  
the entity upon behalf of which the person(s) acted, executed the instrument.  
I certify under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.  
WITNESS my hand and sealized.

Signature: John Devens Gust Jr.  
Name: John Devens GUST, Jr.

Date: May 30, 2008

STATE OF Arizona  
COUNTY OF Pinal

BEFORE ME, the undersigned authority, on this 30 day of May, 2008 personally appeared John Devens GUST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]



GWENDOLYN D. JOHNSON  
NOTARY PUBLIC - ARIZONA  
PINAL COUNTY  
My Commission Expires  
April 21, 2012

Gwendolyn D. Johnson  
Notary or Consular Officer

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Mark A. HAYES

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Mark A. HAYES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Manuel MARQUEZ

*STATE OF* \_\_\_\_\_  
*COUNTY OF* \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Manuel MARQUEZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Zhibing HU

*STATE OF* \_\_\_\_\_  
*COUNTY OF* \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Zhibing HU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Tong CAI

*STATE OF* \_\_\_\_\_  
*COUNTY OF* \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Tong CAI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701

PATENT  
FILE NO. AZTE:025US

A S S I G N M E N T

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Antonio A. GARCIA

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Antonio A. GARCIA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Rohit ROSARIO

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Rohit ROSARIO, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: John Devens GUST, Jr.

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared John Devens GUST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

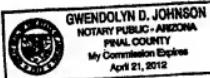
Signature: Mark A. Hayes Date: 5-23-08  
Name: Mark A. HAYES

STATE OF Arizona  
COUNTY OF Pinal

BEFORE ME, the undersigned authority, on this 23 day of May, 2008 personally appeared Mark A. HAYES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Gwendolyn D. Johnson  
Notary or Consular Officer

[SEAL]



Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Manuel MARQUEZ

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Manuel MARQUEZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Zhibing HU

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Zhibing HU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Tong CAI

*STATE OF* \_\_\_\_\_  
*COUNTY OF* \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Tong CAI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701

PATENT  
FILE NO. AZTE:025US

A S S I G N M E N T

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SELL, ASSIGN AND TRANSFER to ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY (the "Assignee"), having a place of business at 1475 North Scottsdale Road, SkySong - Suite 200, Scottsdale, AZ 85257-9908, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/587,229, which has been filed on **October 31, 2007** and is entitled "**PHOTORESPONSIVE HYDROGELS**," which is a national phase application under 35 U.S.C. § 371 of International Application No. PCT/US2005/002317, filed January 24, 2005, which claims benefit U.S. Provisional Patent Application Serial Number 60/538,687, filed January 23, 2004, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Antonio A. GARCIA

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Antonio A. GARCIA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Rohit ROSARIO

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Rohit ROSARIO, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: John Devens GUST, Jr.

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared John Devens GUST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Mark A. HAYES

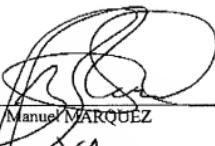
STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Mark A. HAYES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

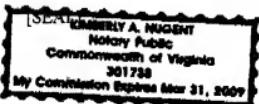
Signature:   
Name: Manuel MARQUEZ

Date: 08/08/08

STATE OF VA  
COUNTY OF Alexandria

BEFORE ME, the undersigned authority, on this 8 day of August, 2008 personally appeared Manuel MARQUEZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Kimberly A Nugent  
Notary or Consular Officer



Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Zhibing HU

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Zhibing HU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Tong CAI

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Tong CAI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

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Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701

PATENT  
FILE NO. AZTE:025US

A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY (the "Assignee"), having a place of business at 1475 North Scottsdale Road, SkySong - Suite 200, Scottsdale, AZ 85257-9908, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/587,229, which has been filed on **October 31, 2007** and is entitled "**PHOTORESPONSIVE HYDROGELS**," which is a national phase application under 35 U.S.C. § 371 of International Application No. PCT/US2005/002317, filed January 24, 2005, which claims benefit U.S. Provisional Patent Application Serial Number 60/538,687, filed January 23, 2004, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Antonio A. GARCIA

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Antonio A. GARCIA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Rohit ROSARIO

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Rohit ROSARIO, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: John Devens GUST, Jr.

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared John Devens GUST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

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Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Mark A. HAYES

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Mark A. HAYES, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

---

Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Manuel MARQUEZ

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared Manuel MARQUEZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

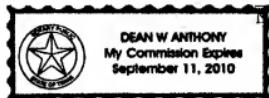
Signature: Zhibing Hu Date: 9-3-2008  
Name: Zhibing HU

STATE OF Texas  
COUNTY OF Denton

BEFORE ME, the undersigned authority, on this 3<sup>rd</sup> day of Sept., 2008 personally appeared Zhibing HU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Dean W Anthony  
Notary or Consular Officer

[SEAL]

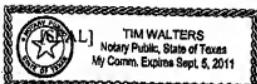


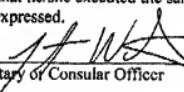
Signature:   
Name: Tong CAI

Date: 09/23/08

STATE OF Texas  
COUNTY OF Denton

BEFORE ME, the undersigned authority, on this 23 day of September, 2008 personally appeared Tong CAI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



  
Notary of Consular Officer

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701